



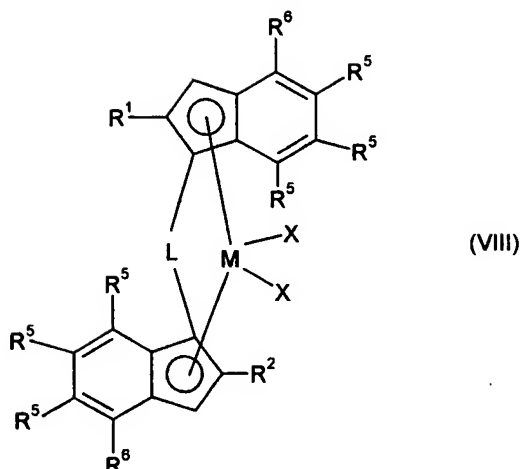
ATTACHMENT A
(Amendments to Claims)

1-16 (Cancelled)

17. (Currently Amended) A propylene copolymer composition comprising:

- A) a propylene copolymer containing from 1 to 20% by weight of olefins other than propylene; and
- B) at least one propylene copolymer containing from 10 to 30% by weight of olefins other than propylene,

where the propylene copolymer A and the propylene copolymer B are present as separate phases and a portion of n-hexane soluble material is $\leq 2.6\%$ by weight, the propylene copolymer composition comprising a tensile E modulus ranging from 150 MPa to 800 MPa, and the propylene copolymer composition is obtained from a ~~two-stage or multistage~~ polymerization process comprising at least two successive polymerization steps a catalyst system comprising a metallocene compound, wherein ~~[[the]]~~ a catalyst system comprising a metallocene compound is used in each successive polymerization step ~~polymerization stage~~; wherein the metallocene compound is of formula VIII:



wherein:

M is zirconium, hafnium or titanium;

X are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO₂CF₃, -OCOR, -SR, -NR₂ or -PR₂ group, where R is linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where two X are optionally joined to one another and form a C₄-C₄₀-dienyl ligand, or X is an -OR'O- group in which the substituent R' is a divalent group selected from the group consisting of C₁-C₄₀-alkylidene, C₆-C₄₀-arylidene, C₇-C₄₀-alkylarylidene and C₇-C₄₀-arylalkylidene;

L is a radical selected from the group consisting of -SiMe₂-, -SiPh₂-, -SiPhMe-, -SiMe(SiMe₃)-, -CH₂-, -(CH₂)₂-, -(CH₂)₃- and -C(CH₃)₂-;

R¹ is a linear or branched C₁-C₁₀-alkyl group which is unbranched in the α position;

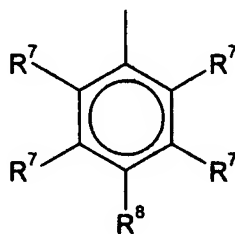
R² is a group of the formula -C(R³)₂R⁴;

R³ is a linear or branched C₁-C₁₀-alkyl group;

R⁴ is hydrogen;

R⁵ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R⁶ is an aryl group of the formula (VII),



(VII)

where

R⁷ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds; or two R⁷ are optionally joined to form a saturated or unsaturated C₃-C₂₀ ring; and

R⁸ is hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

18. (Currently Amended) The propylene copolymer composition as claimed in claim 17, wherein the propylene copolymer composition has a haze value of $\leq 30\%$, and [[a]] the tensile E modulus ranges from 200 MPa to 500 MPa ~~is in the range from 100 to 1500 MPa.~~

19. (Previously Presented) The propylene copolymer composition as claimed in claim 17, wherein the olefin other than propylene in the propylene copolymer A), the propylene copolymer B), or both is ethylene.

20. (Previously Presented) The propylene copolymer composition as claimed in claim 17, wherein a weight ratio of propylene copolymer A to propylene copolymer B is in the range from 90:10 to 20:80.

21. (Previously Presented) The propylene copolymer composition as claimed in claim 17, comprising from 0.1 to 1% by weight, based on the total weight of the propylene copolymer composition, of a nucleating agent.

22. (Previously Presented) The propylene copolymer composition as claimed in claim 17, wherein a glass transition temperature of the propylene copolymer B determined by means of DMTA (dynamic mechanical thermal analysis) is in the range from -20°C to -40°C.

23. (Previously Presented) The propylene copolymer composition as claimed in claim 17, wherein a molar mass distribution M_w/M_n is in the range from 1.5 to 3.5.

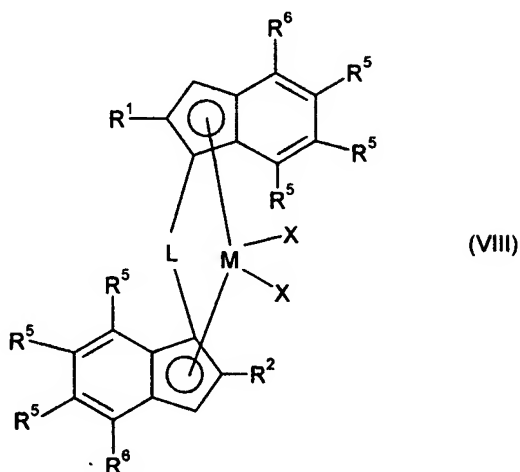
24 (Previously Presented) The propylene copolymer composition as claimed in claim 17 which has a number average molecular mass M_n in the range from 50,000 g/mol to 500,000 g/mol.

25. (Currently Amended) A process for preparing a propylene copolymer composition comprising:

- A) a propylene copolymer containing from 1 to 20% by weight of olefins other than propylene; and
- B) at least one propylene copolymer containing from 10 to 30% by weight of olefins other than propylene,

where the propylene copolymer A and the propylene copolymer B are present as separate phases and a portion of n-hexane soluble material is ≤ 2.6 % by weight, the propylene copolymer composition comprising a tensile E modulus ranging from 150 MPa to 800 MPa;

the process comprising polymerizing monomers in a multistage polymerization process comprising at least two successive polymerization steps ~~stages~~ and a catalyst system comprising a metallocene compound, wherein the catalyst system is used in each successive polymerization step ~~stage~~; wherein the metallocene compound is of formula VIII:



wherein:

M is zirconium, hafnium or titanium;

X are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO₂CF₃, -OCOR, -SR, -NR₂ or -PR₂ group, where R is linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally

comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where two X are optionally joined to one another and form a C₄-C₄₀-dienyl ligand, or X is an -OR'O- group in which the substituent R' is a divalent group selected from the group consisting of C₁-C₄₀-alkylidene, C₆-C₄₀-arylidene, C₇-C₄₀-alkylarylidene and C₇-C₄₀-arylalkylidene;

L is a radical selected from the group consisting of -SiMe₂-, -SiPh₂-, -SiPhMe-, -SiMe(SiMe₃)-, -CH₂-, -(CH₂)₂-, -(CH₂)₃- and -C(CH₃)₂-;

R¹ is a linear or branched C₁-C₁₀-alkyl group which is unbranched in the α position;

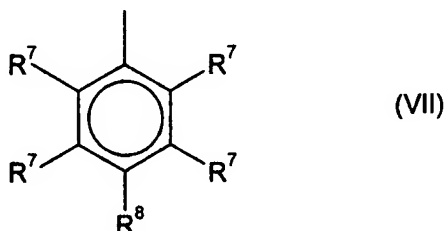
R² is a group of the formula -C(R³)₂R⁴;

R³ is a linear or branched C₁-C₁₀-alkyl group;

R⁴ is hydrogen;

R⁵ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R⁶ is an aryl group of the formula (VII),



where

R⁷ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds; or two R⁷ are optionally joined to form a saturated or unsaturated C₃-C₂₀ ring; and

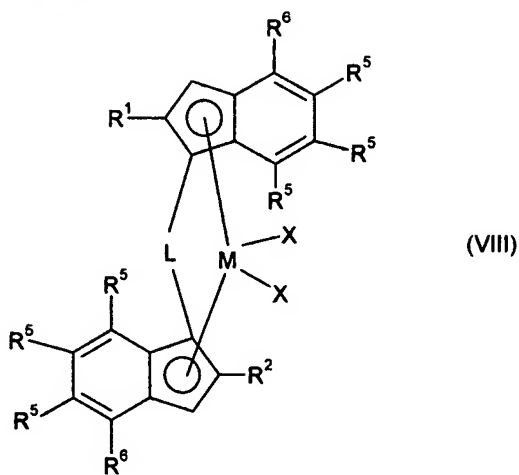
R⁸ is hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

26. (Currently Amended) A process comprising producing fibers, films or moldings from a propylene copolymer

composition, the process comprising extruding or injection-molding, the propylene copolymer composition, the propylene copolymer composition comprising:

- A) a propylene copolymer containing from 1 to 20% by weight of olefins other than propylene; and
- B) at least one propylene copolymer containing from 10 to 30% by weight of olefins other than propylene,

where the propylene copolymer A and the propylene copolymer B are present as separate phases and a portion of n-hexane soluble material is ≤ 2.6 % by weight, the propylene copolymer composition comprising a tensile E modulus ranging from 150 MPa to 800 MPa, and the propylene copolymer composition is obtained from a ~~two stage or multistage~~ polymerization process comprising at least two successive polymerization steps ~~a catalyst system comprising a metallocene compound,~~ wherein [[the]] a catalyst system comprising a metallocene compound is used in each successive polymerization step ~~polymerization stage;~~ wherein the metallocene compound is of formula VIII:



wherein:

M is zirconium, hafnium or titanium;

X are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO₂CF₃, -OCOR, -SR, -NR₂ or -PR₂ group, where R is linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where two X are optionally joined to one another and form a C₄-C₄₀-dienyl ligand, or X is an -OR'O- group in which the substituent R' is a divalent group selected from the group consisting of C₁-C₄₀-alkylidene, C₆-C₄₀-arylidene, C₇-C₄₀-alkylarylidene and C₇-C₄₀-arylalkylidene;

L is a radical selected from the group consisting of -SiMe₂-, -SiPh₂-, -SiPhMe-, -SiMe(SiMe₃)-, -CH₂-, -(CH₂)₂-, -(CH₂)₃- and -C(CH₃)₂-;

R¹ is a linear or branched C₁-C₁₀-alkyl group which is unbranched in the α position;

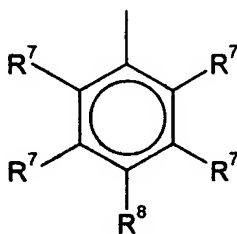
R² is a group of the formula -C(R³)₂R⁴;

R³ is a linear or branched C₁-C₁₀-alkyl group;

R⁴ is hydrogen;

R⁵ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R⁶ is an aryl group of the formula (VII),



(VII)

where

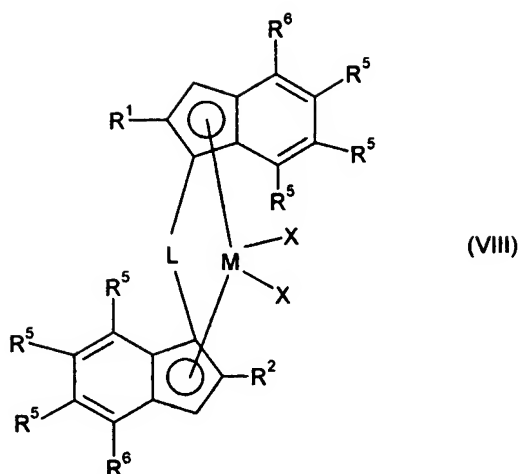
R⁷ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds; or two R⁷ are optionally joined to form a saturated or unsaturated C₃-C₂₀ ring; and

R⁸ is hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

27. (Currently Amended) A fiber, film or molding comprising a propylene copolymer composition comprising

- A) a propylene copolymer containing from 1 to 20% by weight of olefins other than propylene; and
- B) at least one propylene copolymer containing from 10 to 30% by weight of olefins other than propylene,

where the propylene copolymer A and the propylene copolymer B are present as separate phases and a portion of n-hexane soluble material is ≤ 2.6 % by weight, the propylene copolymer composition comprising a tensile E modulus ranging from 150 MPa to 800 MPa, and the propylene copolymer composition is obtained from a ~~two stage or multistage~~ polymerization process comprising at least two successive polymerization steps ~~a catalyst system comprising a metallocene compound,~~ wherein ~~[[the]]~~ a catalyst system comprising a metallocene compound is used in each successive polymerization step ~~polymerization stage;~~ wherein the metallocene compound is of formula VIII:



wherein:

M is zirconium, hafnium or titanium;

X are identical or different and are each, independently of one another, hydrogen or halogen or an -R, -OR, -OSO₂CF₃, -OCOR, -SR, -NR₂ or -PR₂ group, where R is linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds, where two X are optionally joined to one another and form a C₄-C₄₀-dienyl ligand, or X is an -OR'O- group in which the substituent R' is a divalent group selected from the group consisting of C₁-C₄₀-alkylidene, C₆-C₄₀-arylidene, C₇-C₄₀-alkylarylidene and C₇-C₄₀-arylalkylidene;

L is a radical selected from the group consisting of -SiMe₂-, -SiPh₂-, -SiPhMe-, -SiMe(SiMe₃)-, -CH₂-, -(CH₂)₂-, -(CH₂)₃- and -C(CH₃)₂-;

R¹ is a linear or branched C₁-C₁₀-alkyl group which is unbranched in the α position;

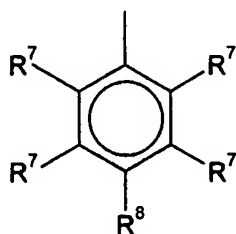
R² is a group of the formula -C(R³)₂R⁴;

R³ is a linear or branched C₁-C₁₀-alkyl group;

R⁴ is hydrogen;

R⁵ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds;

R⁶ is an aryl group of the formula (VII),



(VII)

where

R⁷ are identical or different and are each, independently of one another, hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds; or two R⁷ are optionally joined to form a saturated or unsaturated C₃-C₂₀ ring; and

R⁸ is hydrogen or halogen or linear or branched C₁-C₂₀-alkyl, C₃-C₂₀-cycloalkyl which are optionally substituted by one or more C₁-C₁₀-alkyl radicals, C₆-C₂₀-aryl, C₇-C₂₀-alkylaryl or C₇-C₂₀-arylalkyl and optionally comprise one or more heteroatoms of groups 13-17 of the Periodic Table of the Elements or one or more unsaturated bonds.

28. (Cancelled)

29. (Cancelled)

30. (Previously Presented) The propylene copolymer composition as claimed in claim [[29]] 17, wherein

R⁸ is -C(R⁹)₃; and

R⁹ are identical or different and are each, independently of one another, a linear or branched C₁-C₆-alkyl group, or two or three of R⁹ are joined to form at least one ring system.